

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

P01,0345

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**09/980317**

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/DE00/01497

11 May 2000

20 May 1999

TITLE OF INVENTION

"SUBSTRATE WITH AT LEAST TWO METALLIZED POLYMER BUMPS FOR SOLDERED CONNECTION TO WIRING"

APPLICANT(S) FOR DO/EO/US

Jozef van Puymbroeck

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (**PTO 1449, Prior Art, Search Report**).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.  
(SEE ATTACHED ENVELOPE)
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - a. ☒ Submission of Drawings - 2 sheets
  - b. ☒ Submission of Proposed Drawing Changes
  - c. ☒ EXPRESS MAIL #EL843743170US dated November 15, 2001

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):**

Search Report has been prepared by the EPO or JPO ..... \$890.00

International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) ... \$670.00

No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but  
international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) ..... \$760.00Neither international preliminary examination fee (37 C.F.R. 1.482) nor international  
search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO ..... \$970.00International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all  
claims satisfied provisions of PCT Article 33(2)-(4) ..... \$96.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

CALCULATIONS

PTO USE ONLY

\$ 890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from  
the earliest claimed priority date (37 C.F.R. 1.492(e)).

\$

Claims

Number Filed

Number  
Extra

Rate

Total Claims

6 - 20 =

0

X \$18.00

\$

Independent Claims

1 - 3 =

0

X \$84.00

\$

Multiple Dependent Claims

\$280.00 +

\$

**TOTAL OF ABOVE CALCULATIONS =**

\$ 890.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also  
be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)

\$

**SUBTOTAL =**

\$ 890.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months  
from the earliest claimed priority date (37 CFR 1.492(f)).

\$

**TOTAL NATIONAL FEE =**

\$ 890.00

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be  
accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property**SEE  
ATTACHED  
ENVELOPE****TOTAL FEES ENCLOSED =**

\$ 890.00

Amount to be  
refunded

\$

charged

\$

a. ☒ A check in the amount of \$890.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A  
duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 501519. A duplicate copy of this sheet is enclosed.NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must  
be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Schiff Hardin & Waite  
Patent Department  
6600 Sears Tower  
Chicago, Illinois 60606-6473  
Customer Number 26574

SIGNATURE

James D. Hobart

NAME

24,149

Registration Number

- 1 -

IN THE UNITED STATES ELECTED OFFICE OF  
THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY - CHAPTER II

SUBMISSION OF DRAWINGS

5 APPLICANT: Jozef van Puymbroeck  
ATTORNEY  
DOCKET NO.: P01,0345  
SERIAL NO.: EXAMINER:  
FILING DATE: ART UNIT:  
10 INTERNATIONAL APPLICATION NO.: PCT/DE00/01497  
INTERNATIONAL FILING DATE: 11 May 2000  
INVENTION: "SUBSTRATE WITH AT LEAST TWO METALLIZED POLYMER  
BUMPS FOR SOLDERED CONNECTION TO WIRING"

**BOX PCT**

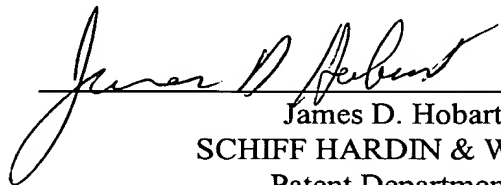
15 Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R:

Attached herewith are two sheets of Formal Drawings containing Figs. 1-6.

Respectfully submitted,

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 (Reg. No. 24,149)  
James D. Hobart

SCHIFF HARDIN & WAITE  
Patent Department  
6600 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606  
Telephone: (312) 258-5781  
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25

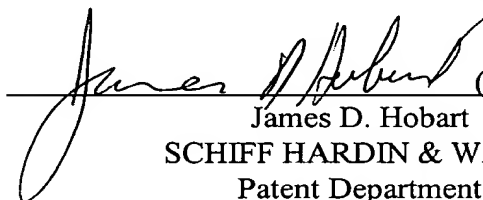
DATED: November 15, 2001

Applicant proposes to add cross-hatching to Figs. 1-6, which are cross-sectional views, and element numbers, as indicated in red.

- 2 -

If these corrections are approved, applicant will submit corrected Formal Drawings once the application has been allowed.

Respectfully submitted,

 (Reg. No. 24,149)

James D. Hobart  
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Telephone: (312) 258-5781  
Customer Number 26574

DATED: November 15, 2001

**CERTIFICATE OF MAILING BY U.S. EXPRESS MAIL**

"Express Mail" Mailing Label Number EL843743170US

**Date of Deposit:** November 15, 2001

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**BOX PCT  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231**

**Case Number:** P01,0345

**International Application No.  
PCT/DE00/01497**

**International Filing Date  
11 May 2000**

**Priority Date Claimed  
20 May 1999**

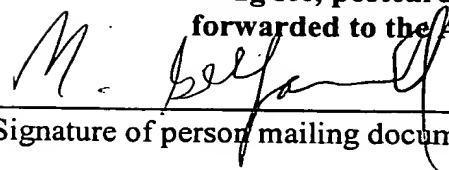
**Title:** "SUBSTRATE WITH AT LEAST TWO METALLIZED POLYMER BUMPS FOR  
SOLDERED CONNECTION TO WIRING"

**Applicant(s):** Jozef van Puymbroeck

**Enclosed are the following documents:**

International application as filed;  
English translation of application;  
Executed Declaration;  
Information Disclosure Statement, PTO 1449,  
Prior Art, Search Report;  
Preliminary Amendment;  
Substitute Specification;  
Marked-up Copy of Specification;  
Letter Submitting Drawings - 2 sheets;  
Submission of Proposed Drawing Changes;  
PTO 1390 in duplicate;  
Filing Fee: \$890.00;  
Postcard.

**Executed Assignment, PTO 1595 form, \$40.00  
filing fee, postcard, in attached envelope to be  
forwarded to the Assignment Branch.**

  
\_\_\_\_\_  
Signature of person mailing documents and fee